

PN - JP5170991 A 19930709

TI - RUBBER-MODIFIED VINYL AROMATIC RESIN COMPOSITION

AB - **PURPOSE:** To obtain the subject resin composition for large-sized molding containing a block copolymer consisting of a small-particle component and large-particle component having salami structure, etc., and a vinyl aromatic polymer and a partially hydrogenated conjugated diene polymer.

- **CONSTITUTION:** The objective resin composition consists of 97-80wt.% vinyl aromatic polymer matrix and 3-20wt.% butadiene based polymer dispersed phase and the dispersed phase consists of small-particle component having salami structure and/or core-shell structure having 0.05-0.4 μ m weight-average particle diameter, large-particle component of salami structure having 0.8-8.0 μ m weight-average particle diameter and a block copolymer composed of vinyl aromatic polymer block A and conjugated diene polymer block B whose 20mol% is hydrogenated. The objective resin composition is obtained by adding cyclohexane, styrene and n-butyllithium to an autoclave, polymerizing styrene for 3hr and then adding 1,3-butadiene thereto and carrying out polymerization at 60 deg.C for 3hr and adding 1,3-butadiene thereto and carrying out polymerization, at 60 deg.C for 3hr and finally adding styrene and carrying out polymerization at 60 deg.C for 3hr and hydrogenating the resultant polymer.

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